

HIGH SPEED DOOR Installation Instructions & Clearance Diagrams

By ***Strip-Curtains.com***



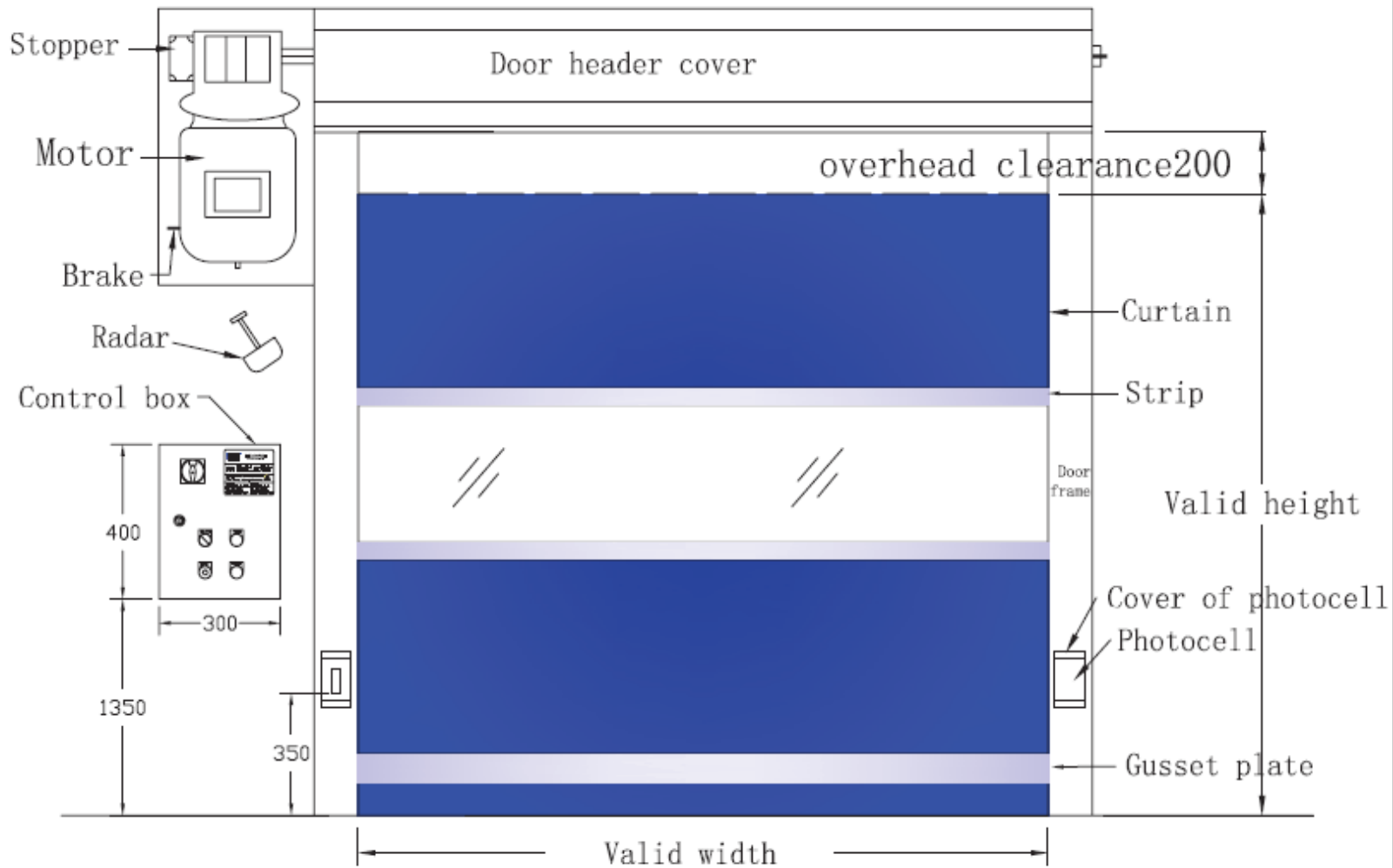
MODELS :

- ✓ 220 SINGLE PHASE
- ✓ 460 Three Phase
- ✓ 480 Three Phase

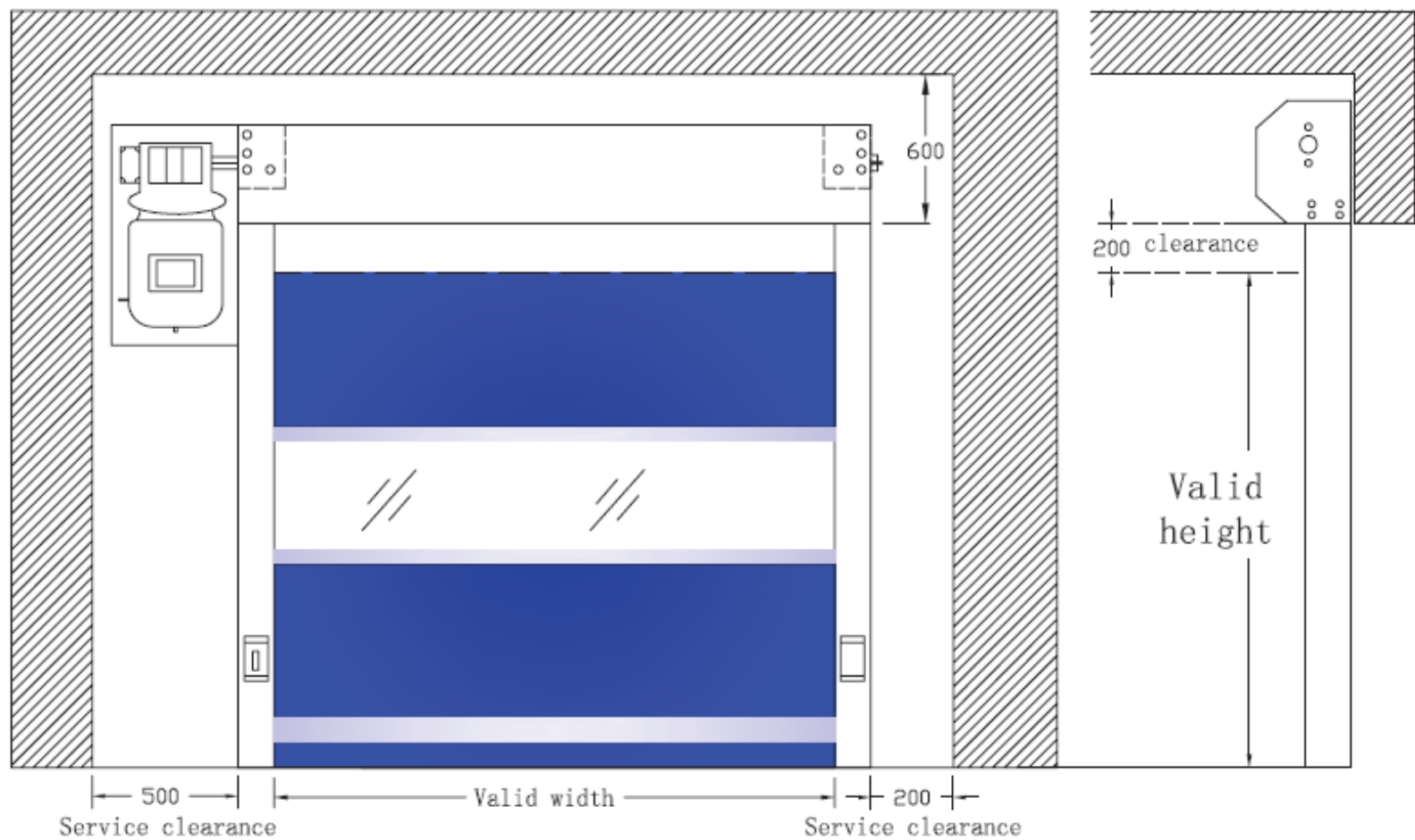
LOADING / RECEIVING DOORS – CLEAN ROOMS – COOLERS – ENCLOSURES - CAR WASH

Schematics

Unit:MM

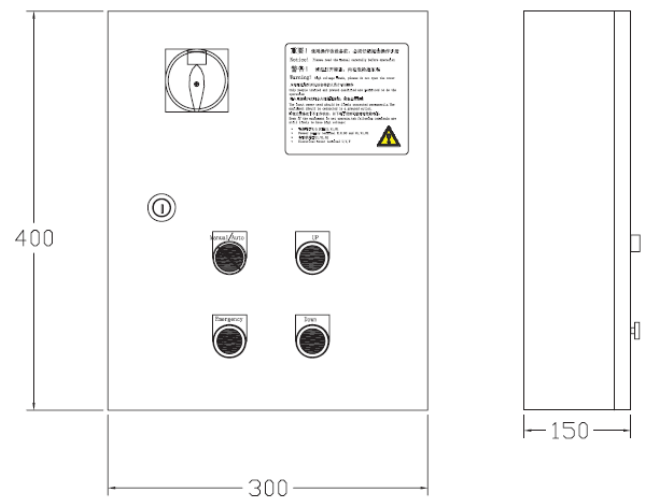


CLEARANCE REQUIREMENTS



Unit:MM

Control Box Dimensions:



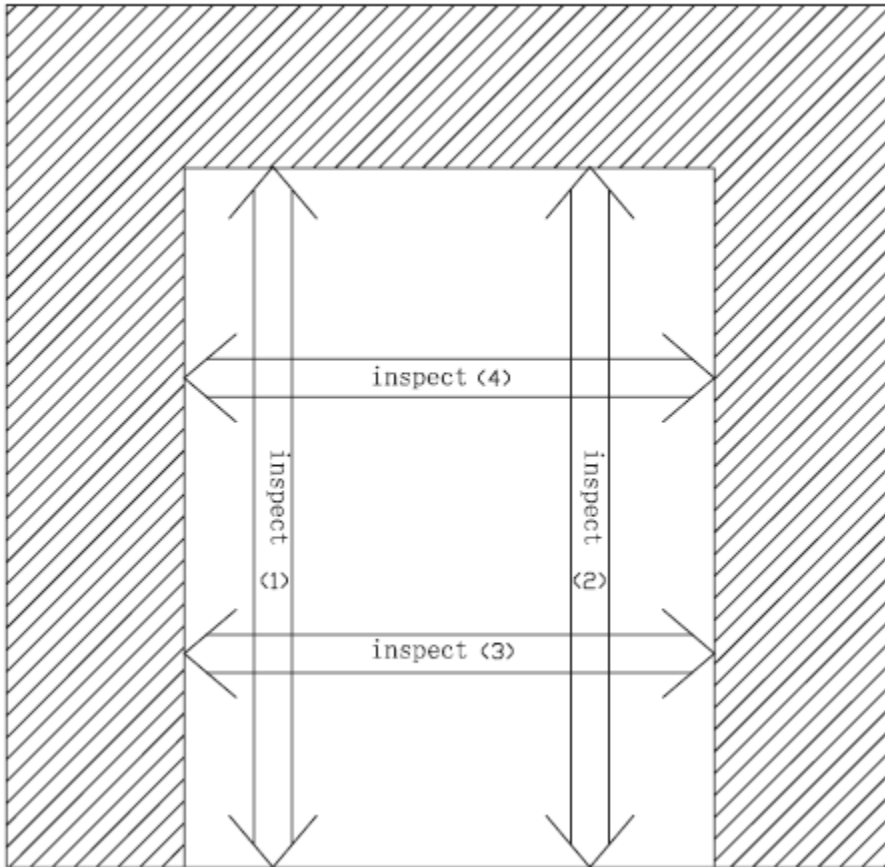
COMMON TOOLS REQUIRED FOR INSTALLATION

Allen Wrench Set	Pliers	Clamps
Tape Measure	Level	Rubber Mallet
Standard Drill	Chalk Line	
Hammer Drill	Marker Pen	
Grinder	Philips	
Socket Set	Screwdriver	
Wrench Set	Hammer	

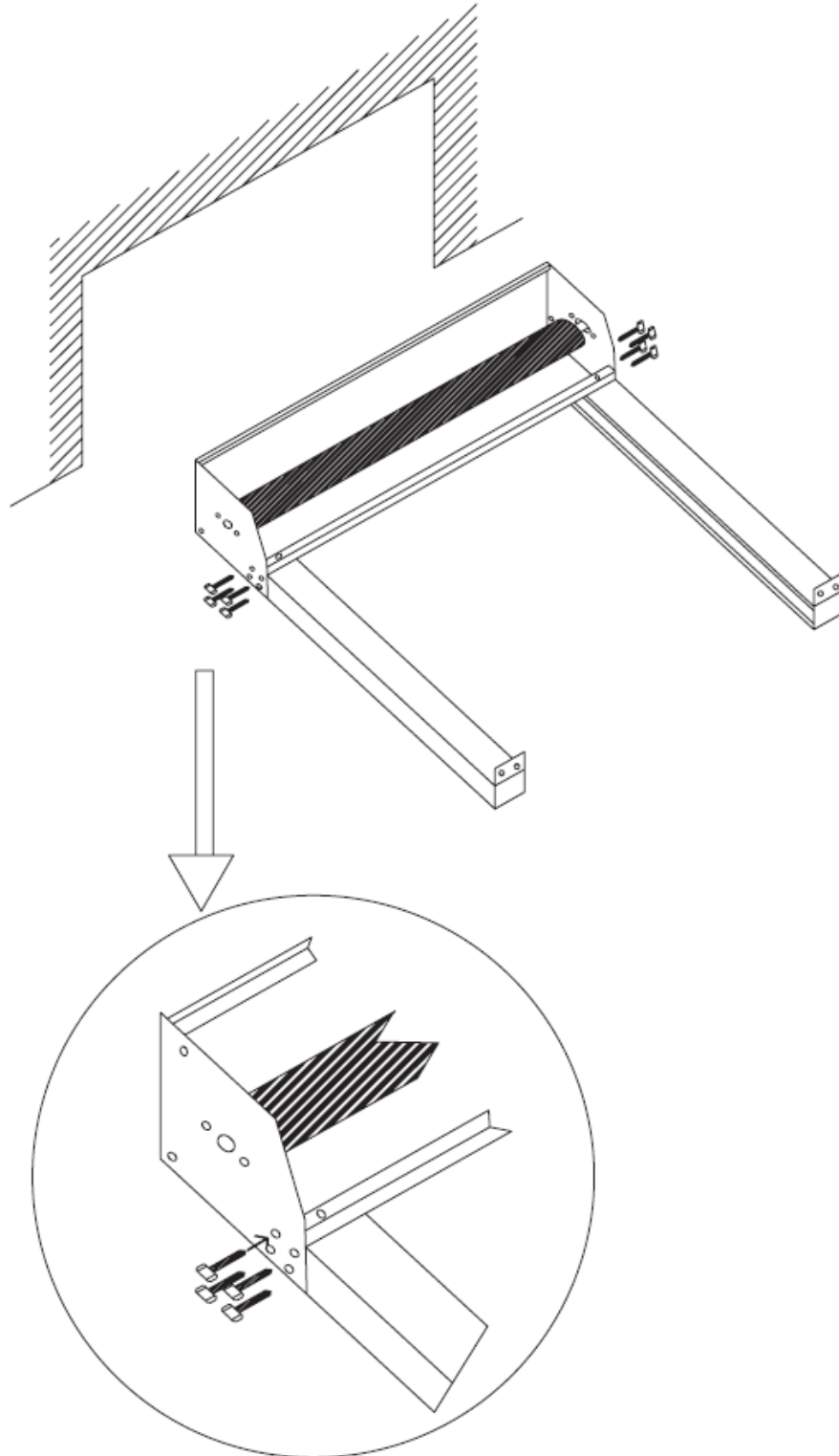


Measuring the Opening Prior to Installation

(If door is not perfectly square note the widest and highest measurement) High Speed Doors are typically Face Mounted and will overhang the complete opening on the sides and top :

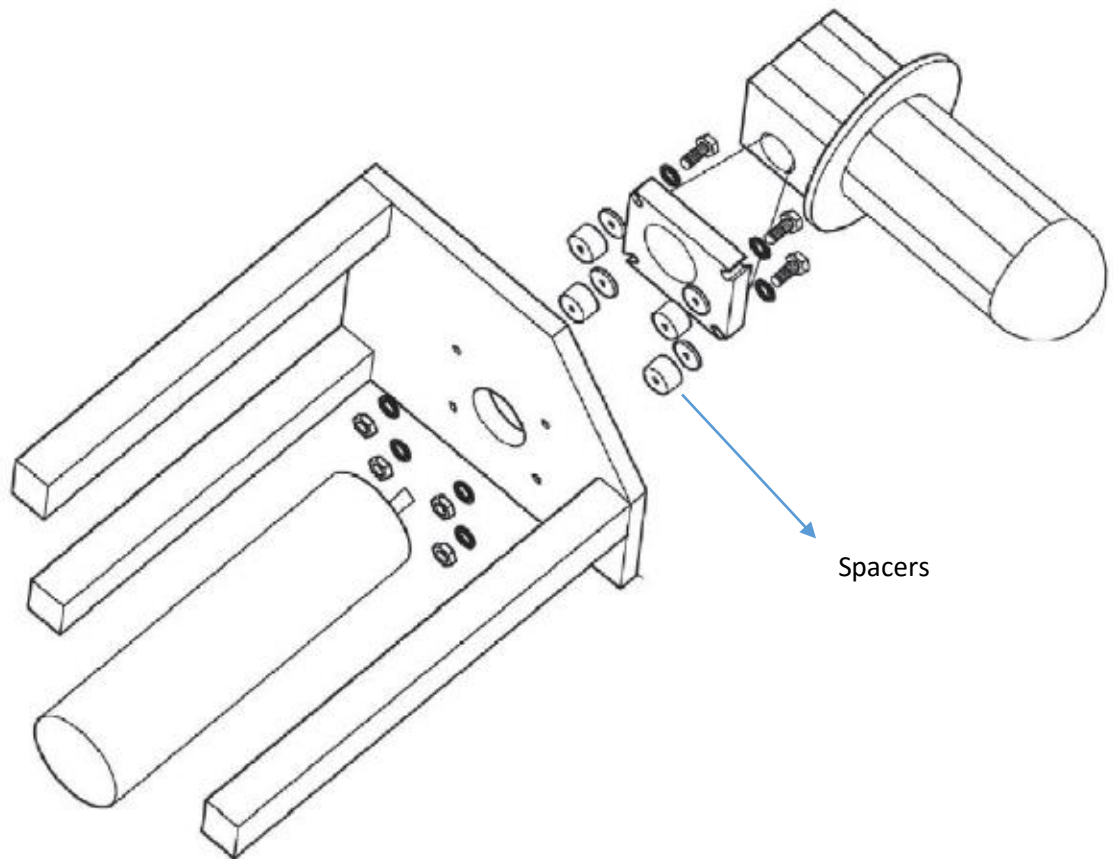


Place High Speed Door Frame Header in Front of the Door Opening.....Attach Top Cabinet to Track as shown below....



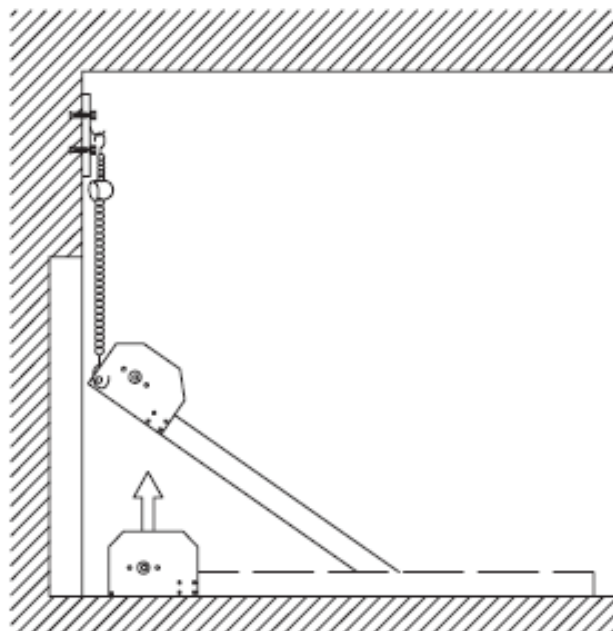
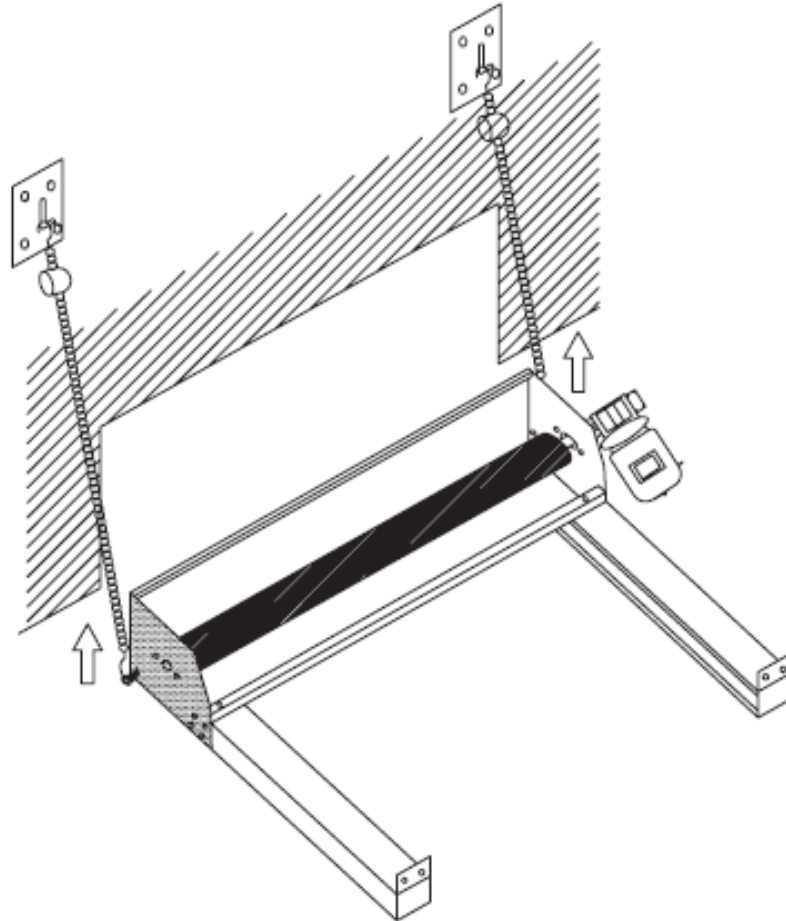
Attach Motor Assembly to shaft

Motor Assembly attaches with rubber anti vibration spaces.....tighten till firm. Do not over tighten.



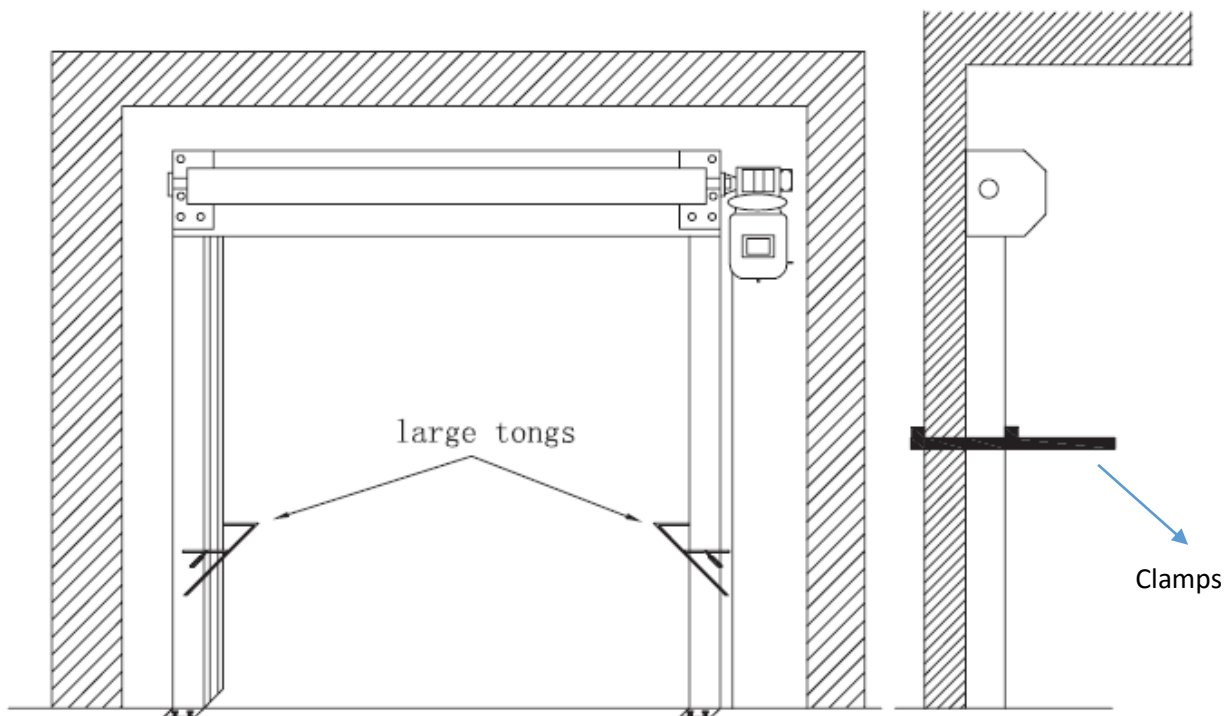
Raising the High Speed Door Against the wall...

This can be done with a chain and hook system such as below or with the use of a forklift. With smaller doors, raising the door can be achieved by hand (two people)

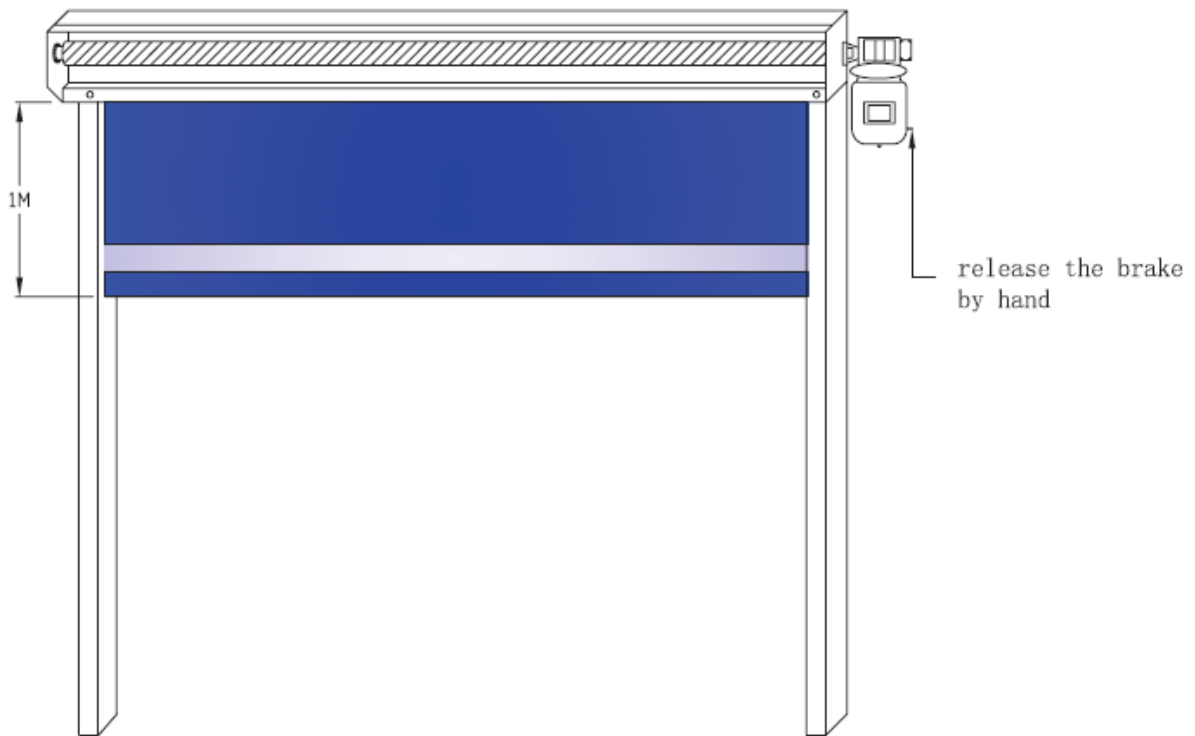


Once the door is lifted and against the wall,

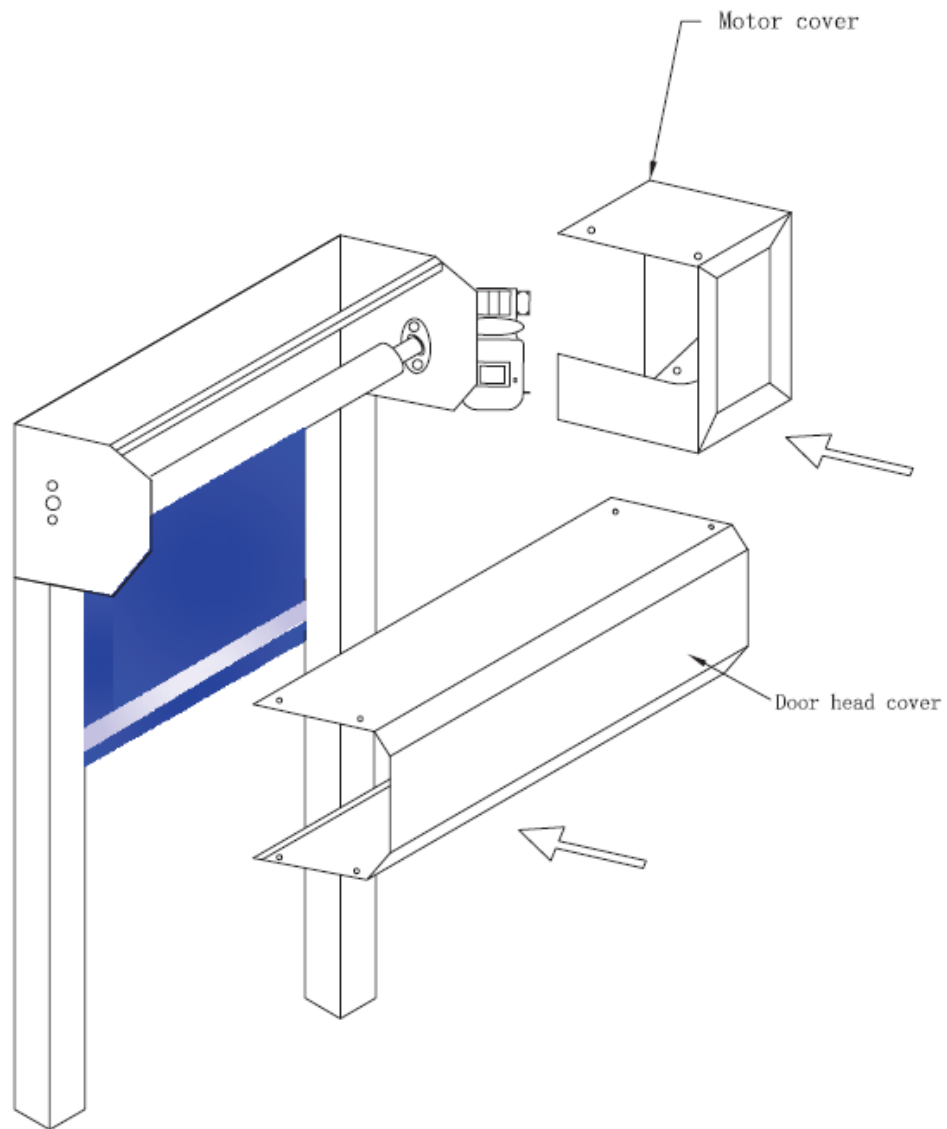
Clamps can be used to tightly secure the door before any drilling. When clamped into position, small adjustment can be made in order to ensure the door is square over the opening. At this point track can be shifted slightly or spacers can be inserted if needed. A square should be used to ensure both the side tracks and the top cabinet are all square. Once the door is in the right position, lags and or screws can be used to secure the door against the wall. Attaching the top cabinet to the wall should be performed first.



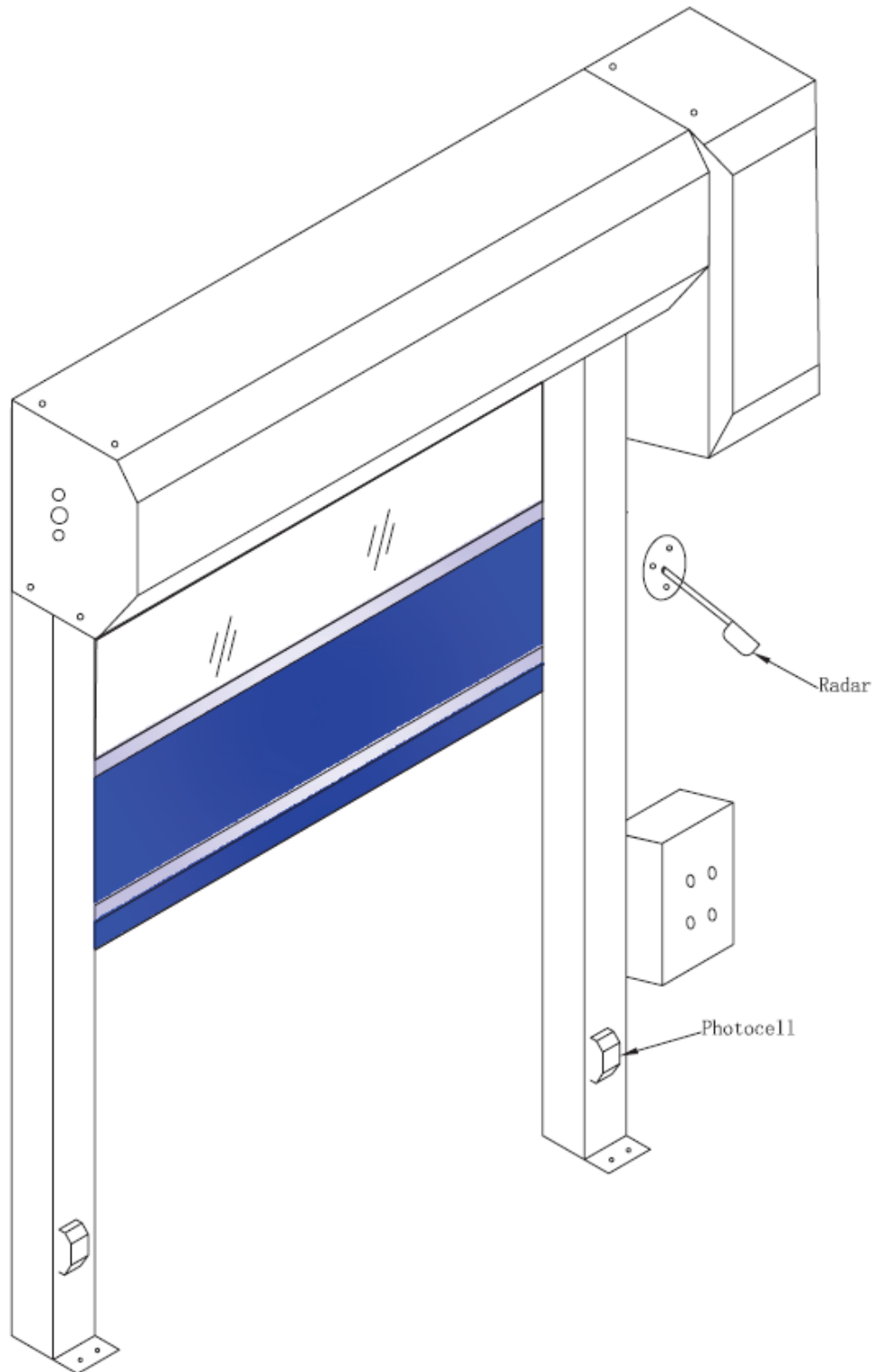
Once the door is secured against the wall, manually release the brake on the motor and pull down the curtain approximately 1 meter. This ensures that the bottom of the curtain will not hit the top of the door when setting the door limits.



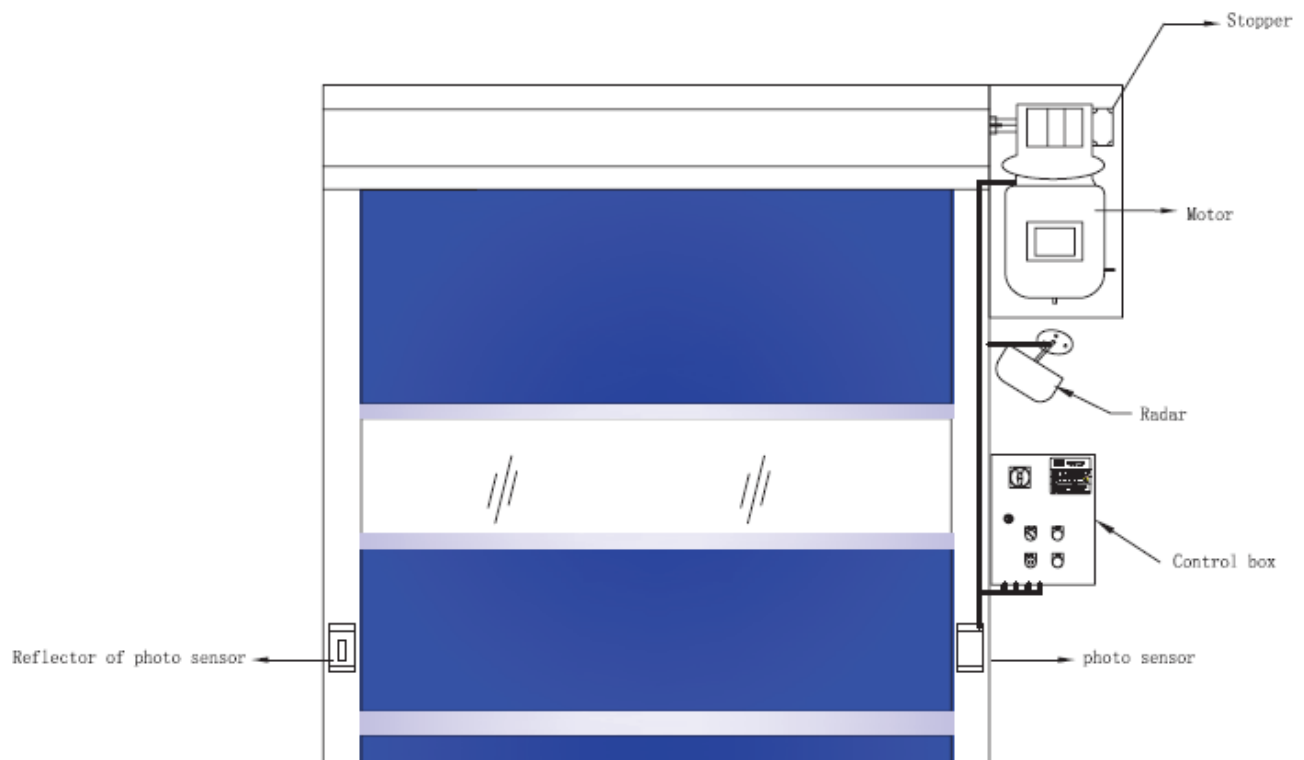
Attach Motor and Door Head Cover.....



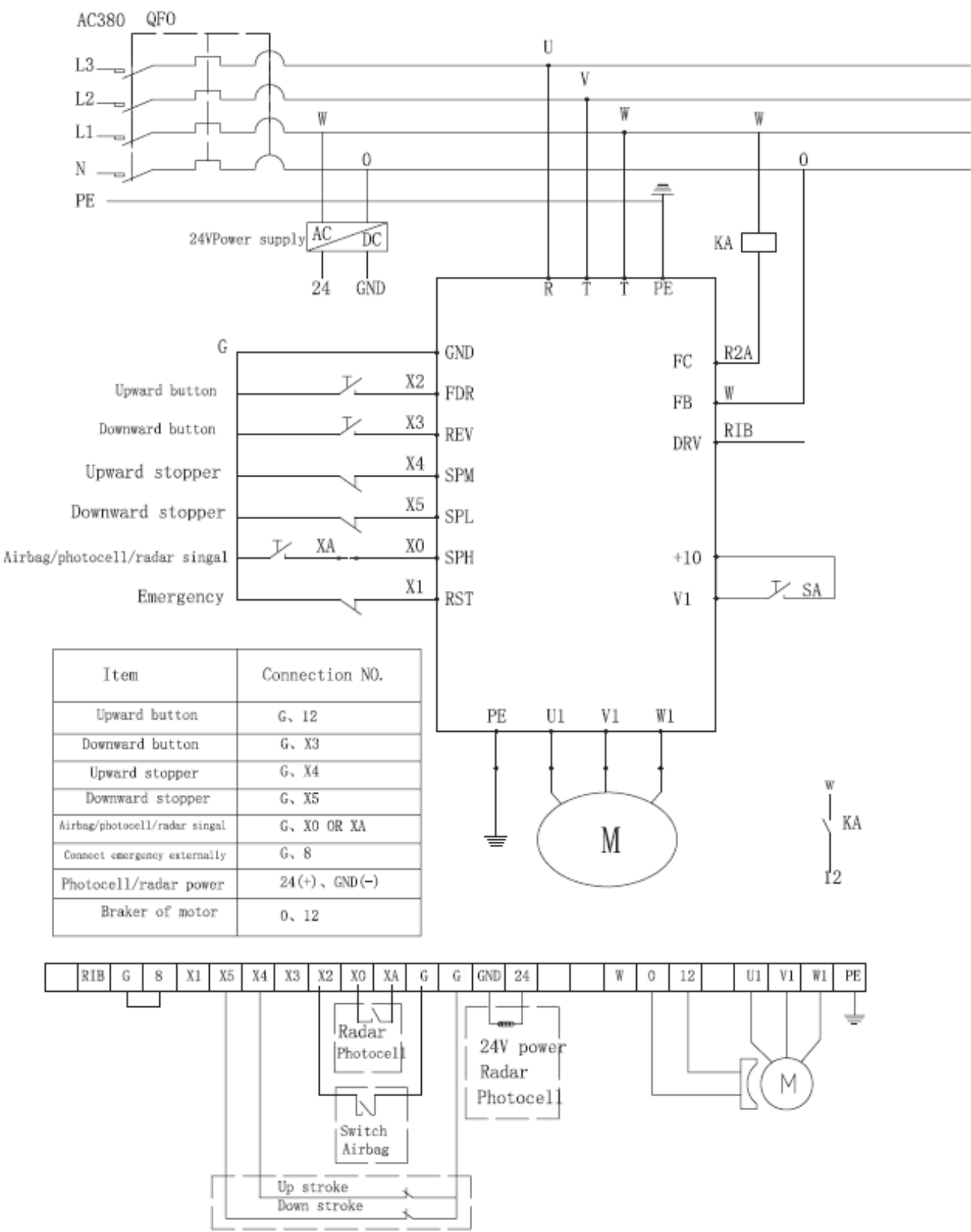
Attach and Install the Photocell and Radar Sensors



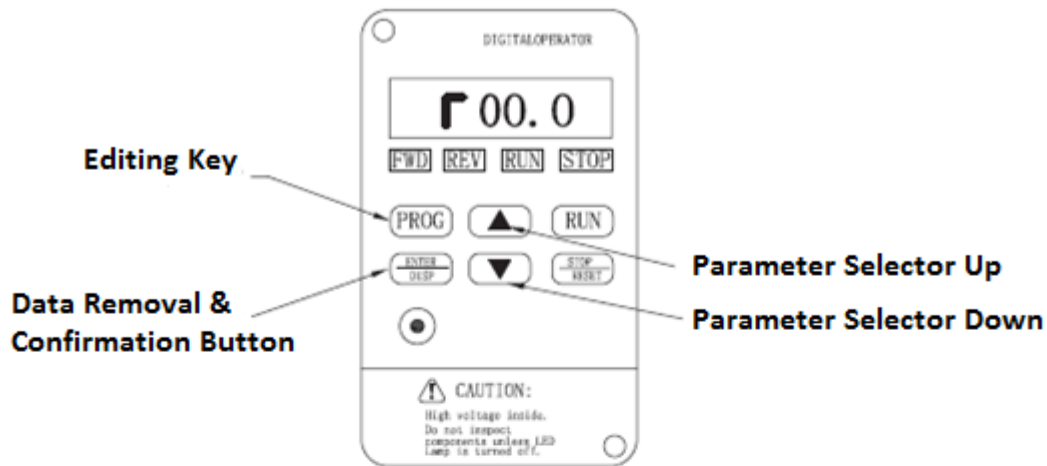
Connect and Wire the Motor, Radar, and Photo Sensor to the Control Box



CONTROL BOX WIRING DIAGRAM



Inverter Parameters and Settings...

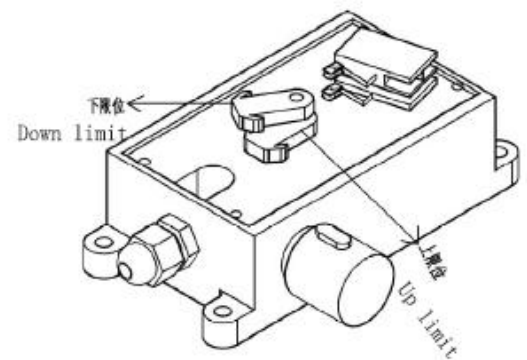
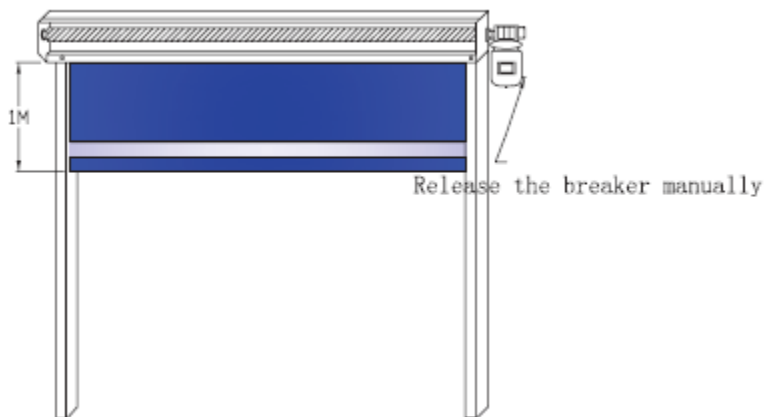
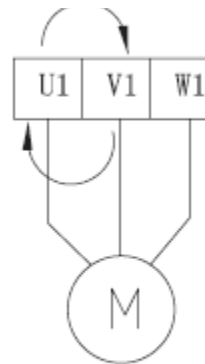
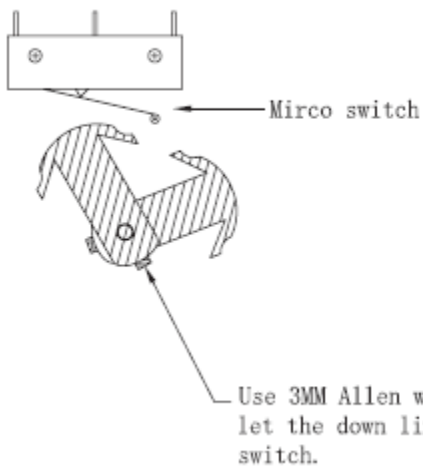


- 1、 Press "PROG" one or two time until it shows "C000" .
- 2、 Press ▲ or ▼ to change the date of C000
- 3、 Press ENTER/DISP to shift
- 4、 Select the parameter which need to modify by step2、 3(e.g.C150)
- 5、 Press ENTER/DISP for 1 second and enter parameter(e.g.C150 is 0005)
- 6、 Repeat step 2、 3, modify parameter
- 7、 Press ENTER/DISP for one second until shows END, finish.

Set parameters		
Function description	Parameter	Applied range
Fine-tuning for up limit	C151	0.5-1.5
Fine-tuning for down limit	C152	0.5-1.5
Set upward speed	C162	20-50
Set downward speed	C166	20-40
Set time delay closing	C150	0-120

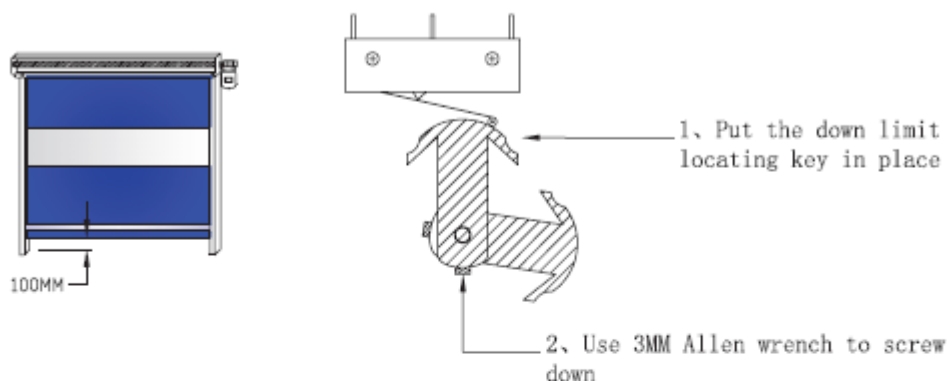
Turn door to Manual Mode

Ensure door is in Manual Mode.....



Ensure Curtain is down approximately 1 m when setting the limits...Release the break manually

5、When the door falls to 100MM far from ground, press“Emergency” to stop the door.Put the locating key to Micro switch according to the direction of door falling (subject to the sound of switch)and use 3MM Allen wrench to screw down as below:



6、Release“Emergency”clockwise,press“up” of control box,when the door falls to about 200MM far from the doorhead,press the red“Emergency”to stop the falling door,Put the locating key to Micro switch according to the direction of door falling (subject to the sound of switc),use 3MM Allen wrench to screw down as below:

